

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Keun Ho Chun et al.

Application No.: 10/684,346

Confirmation No.: 9221

Filed: October 10, 2003

Art Unit: 1634

For: *Target Detection System Having A  
Conformationally Sensitive Probe Comprising A  
Nucleic Acid Based Signal Transducer*

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Examiner: Katherine D. Salmon

**RESPONSE TO OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the non-Final Office Action dated April 29, 2008 in which the time for response has been extended three (3) months by submission of a Petition For Extension of Time and fee, Applicants respond as follows.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.